





FIG. 3

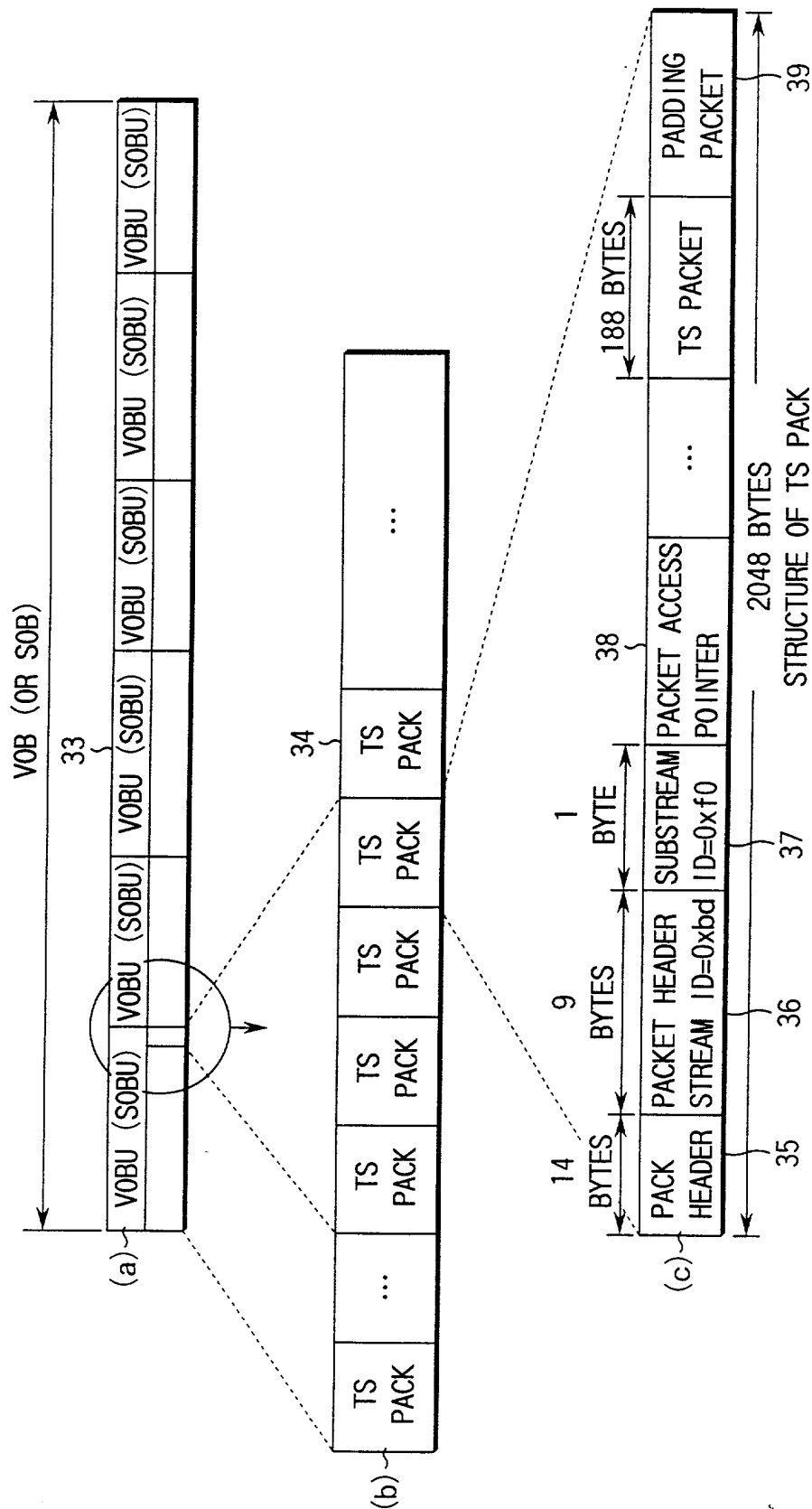
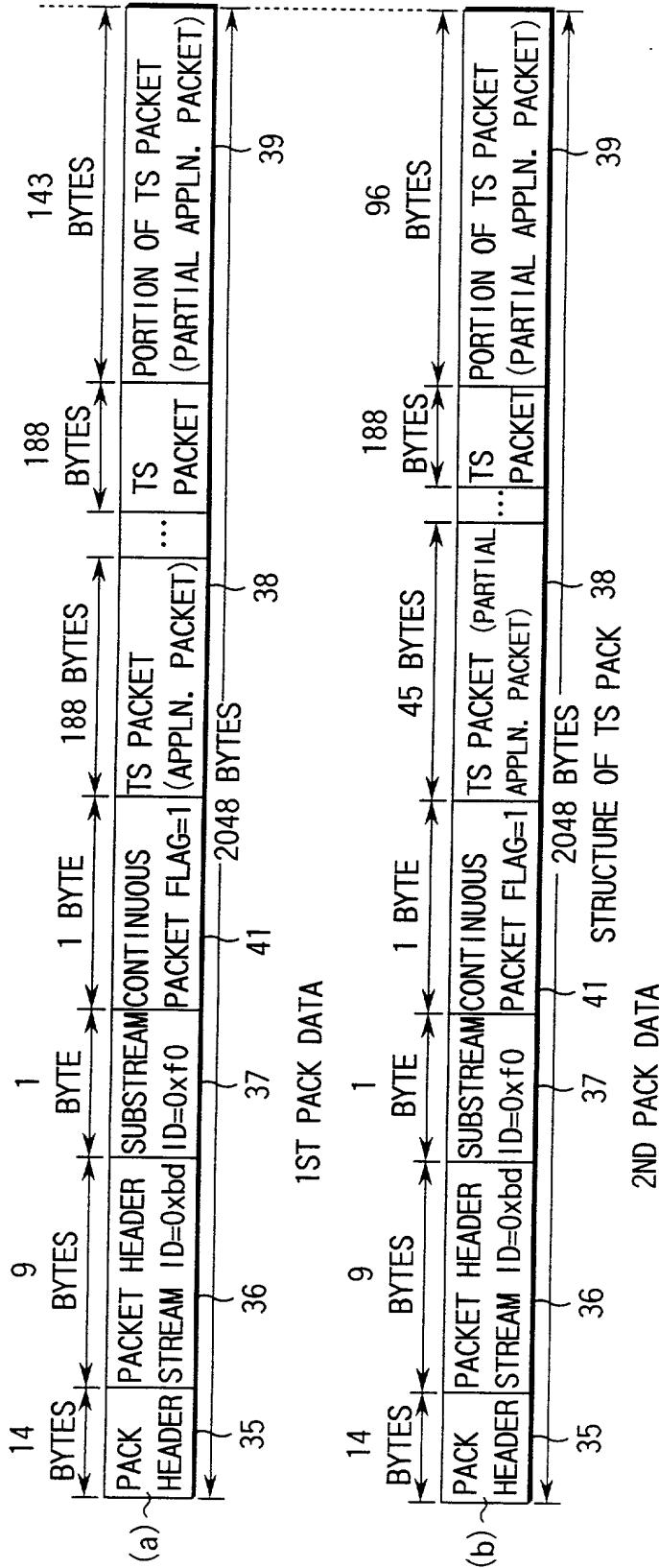
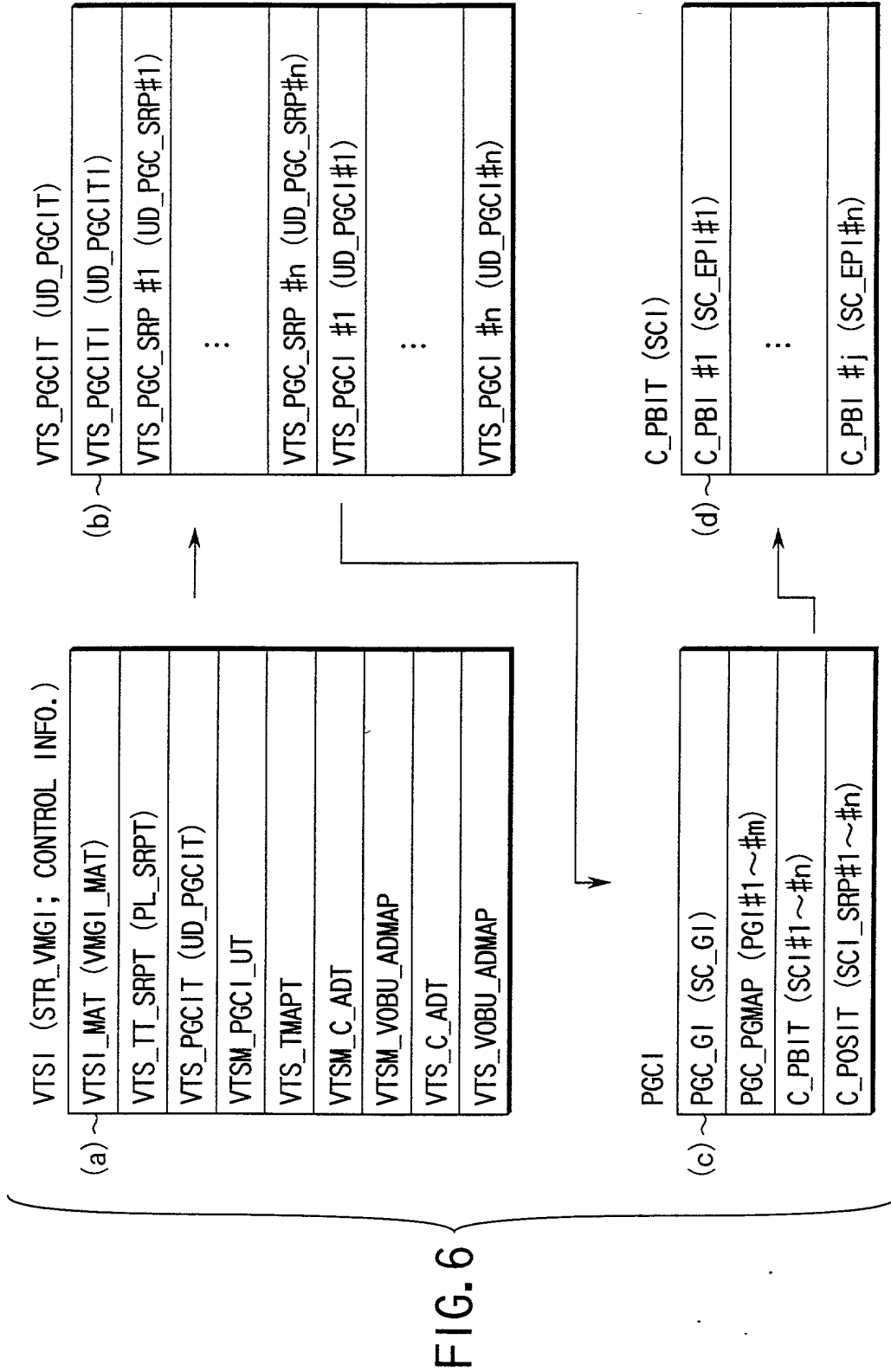


FIG. 4



IF CONTINUOUS PACKET FLAG=1, TS PACKET EXTENDS
ACROSS NEXT PACK (FROM 39 OF (a) TO 38 OF (b))

FIG. 5



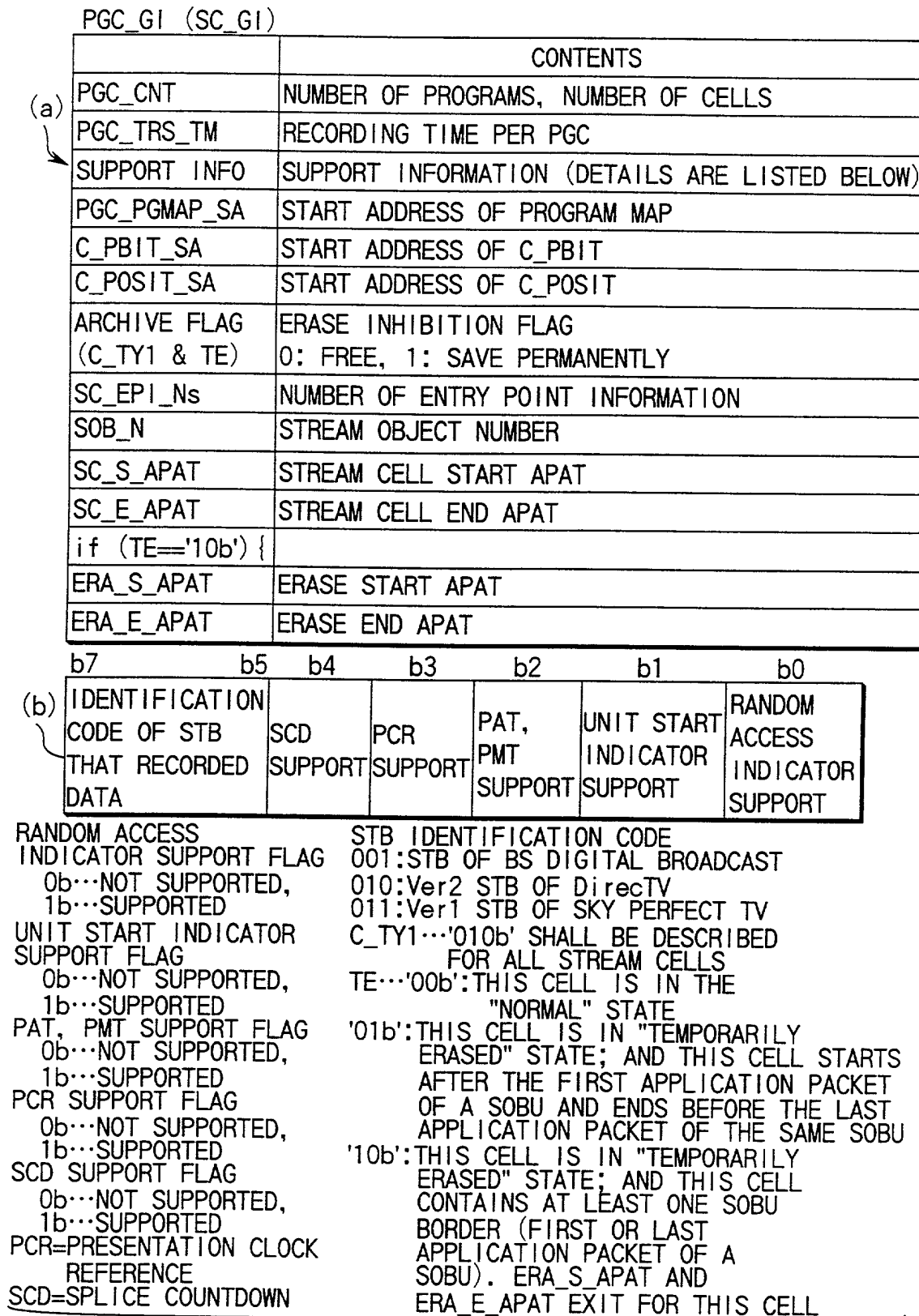


FIG. 7

C_PBI (SCI)

RBP		CONTENTS	NUMBER OF BYTES
0 TO 0	C_CAT (C_TY)	CELL TYPE 02: STREAMER CELL	
1 TO 4	C_ARLTM	STC VALUE OR PCR UPON RECORDING HEAD OF CELL OF INTEREST	
5 TO 8	C_FVOBU_SA	START ADDRESS OF CELL	
9 TO 12	C_LVOBU_SA	START ADDRESS OF LAST VOB OF CELL	
13 TO 16	C_LVOBU_EA	END ADDRESS OF LAST VOB OF CELL	
17 TO 18	TS PACKET LENGTH	TS PACKET LENGTH: NORMAL: 0xbc	
19 TO 22	REFPIC_Ns (AU_Ns)	NUMBER OF I-PICTURES	
23 TO 26	REFPIC_SA_#1 (AUSM)	START ADDRESS OF I-PICTURE #1	
27 TO 30	REFPIC_EA_#1 (AUEM)	END ADDRESS OF I-PICTURE #1	
	:		
23+(n-1)X8	REFPIC_SA_#n (AUSM)	START ADDRESS OF I-PICTURE #n	
27+(n-1)X8	REFPIC_EA_#n (AUEM)	END ADDRESS OF I-PICTURE #n	
	TOTAL		30+(n-1)X8

AUD REFPIC_Ns: NUMBER OF I-PICTURES ("0" IF NO RANDOM ACCESS INDICATOR IS AVAILABLE)

REFPIC_SA#n: ADDRESS OF TS PACK INCLUDING FIRST TS PACKET OF I-PICTURE #n
(TS PACK WITH ACTIVE RANDOM ACCESS INDICATOR)

REFPIC_EA#n: ADDRESS OF TS PACK INCLUDING LAST TS PACKET OF I-PICTURE #n
(TS PACK WITH ACTIVE UNIT START INDICATOR)

("0" IF NO UNIT START INDICATOR IS AVAILABLE)

FIG.8

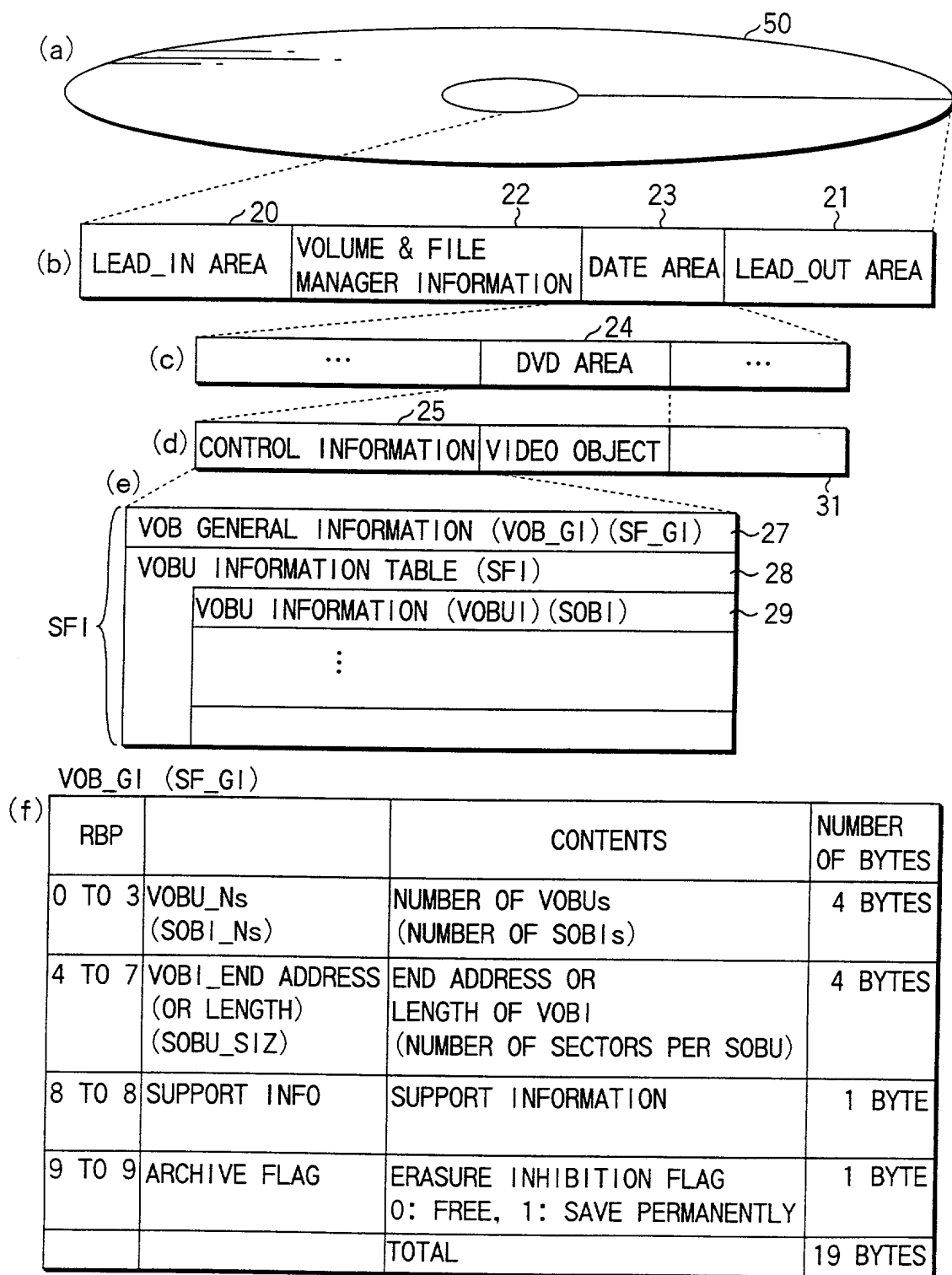


FIG. 9

VOBU1 (SOB1)

RBP		CONTENTS	NUMBER OF BYTES
0 TO 3	VOBU START ADDRESS	START ADDRESS OF VOB	
4 TO 7	VOBU END ADDRESS (OR LENGTH)	END ADDRESS OR LENGTH OF VOB	
8 TO 11	VOBU_RECTM	STC VALUE OR PCR UPON RECORDING HEAD OF VOB OF INTEREST	
12 TO 13	TS PACKET LENGTH	TS PACKET LENGTH: NORMAL: 0xbc	
14 TO 17	REFPIC_Ns (AU_Ns)	NUMBER OF I-PICTURES	
18 TO 21	REFPIC_SA_#1 (AUSM)	START ADDRESS OF I-PICTURE #1	
22 TO 25	REFPIC_EA_#1 (AUEM)	END ADDRESS OF I-PICTURE #1	
	:		
16+(n-1)X8	REFPIC_SA_#n (AUSM)	START ADDRESS OF I-PICTURE #n	
20+(n-1)X8	REFPIC_EA_#n (AUEM)	END ADDRESS OF I-PICTURE #n	
	TOTAL		25+(n-1)X8

REFPIC_Ns: NUMBER OF I-PICTURES ("0" IF NO RANDOM ACCESS INDICATOR IS AVAILABLE)

AUD REFPIC_SA#n: ADDRESS OF TS PACK INCLUDING FIRST TS PACKET OF I-PICTURE #n
(TS PACK WITH ACTIVE RANDOM ACCESS INDICATOR)

REFPIC_EA#n: ADDRESS OF TS PACK INCLUDING LAST TS PACKET OF I-PICTURE #n
(TS PACK WITH ACTIVE UNIT START INDICATOR)

("0" IF NO UNIT START INDICATOR IS AVAILABLE)

FIG.10

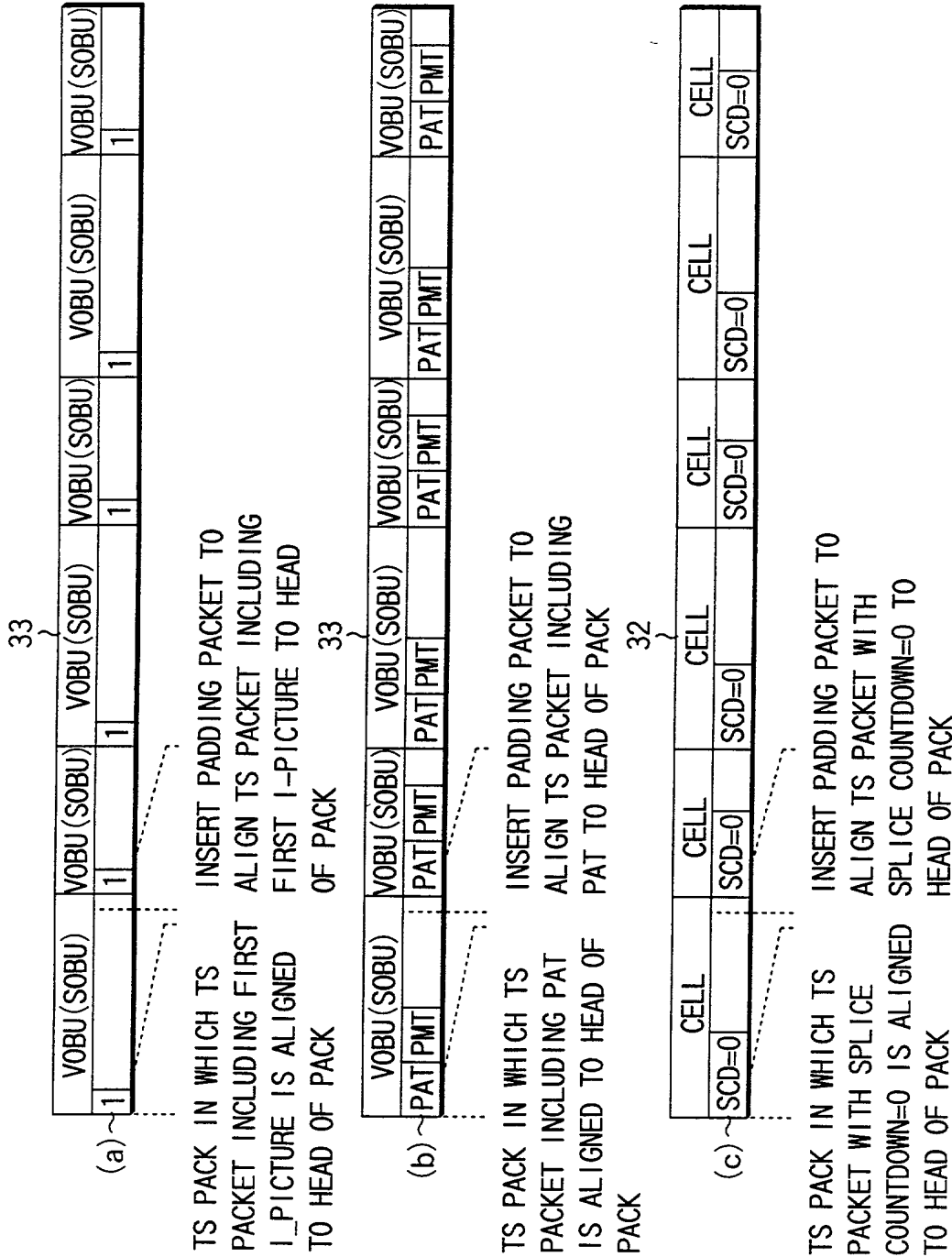


FIG. 11

32

CELL		CELL		CELL		CELL		CELL	
PAT	PMT	PAT	PMT	PAT	PMT	PAT	PMT	PAT	PMT

(a)

TS PACK IN WHICH TS
PACKET INCLUDING PAT
IS ALIGNED TO HEAD OF
PACK

INSERT PADDING PACKET TO
ALIGN TS PACKET INCLUDING
PAT TO HEAD OF PACK

PG		PG		PG		PG		PG	
PAT	PMT	PAT	PMT	PAT	PMT	PAT	PMT	PAT	PMT

(b)

TS PACK IN WHICH TS
PACKET INCLUDING PAT
IS ALIGNED TO HEAD OF
PACK

INSERT PADDING PACKET TO
ALIGN TS PACKET INCLUDING
PAT TO HEAD OF PACK

PGC		PGC		PGC		PGC		PGC	
PAT	PMT	PAT	PMT	PAT	PMT	PAT	PMT	PAT	PMT

(c)

TS PACK IN WHICH TS
PACKET INCLUDING PAT
IS ALIGNED TO HEAD OF
PACK

INSERT PADDING PACKET TO
ALIGN TS PACKET INCLUDING
PAT TO HEAD OF PACK

FIG. 12

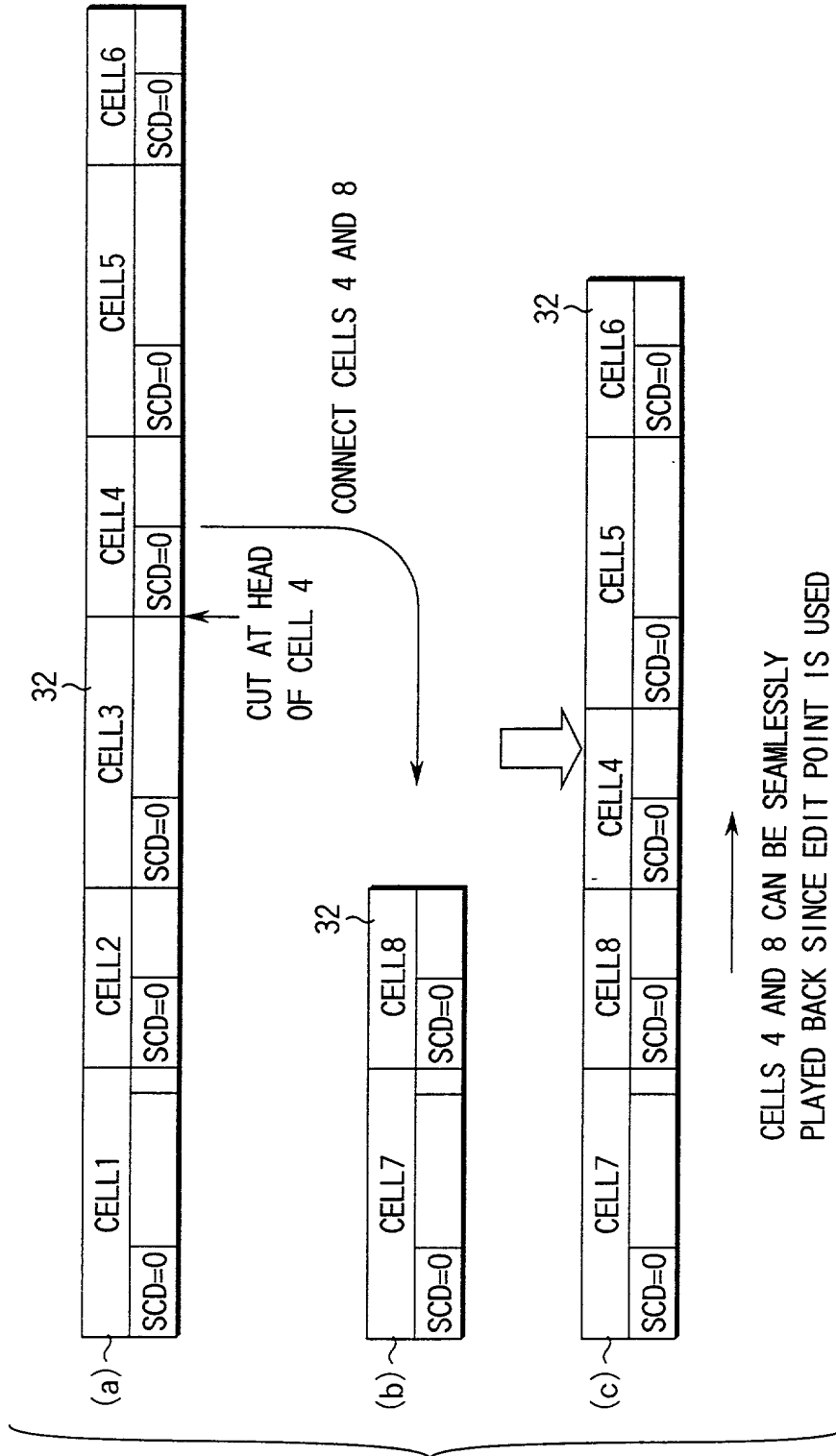
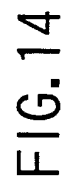


FIG. 13



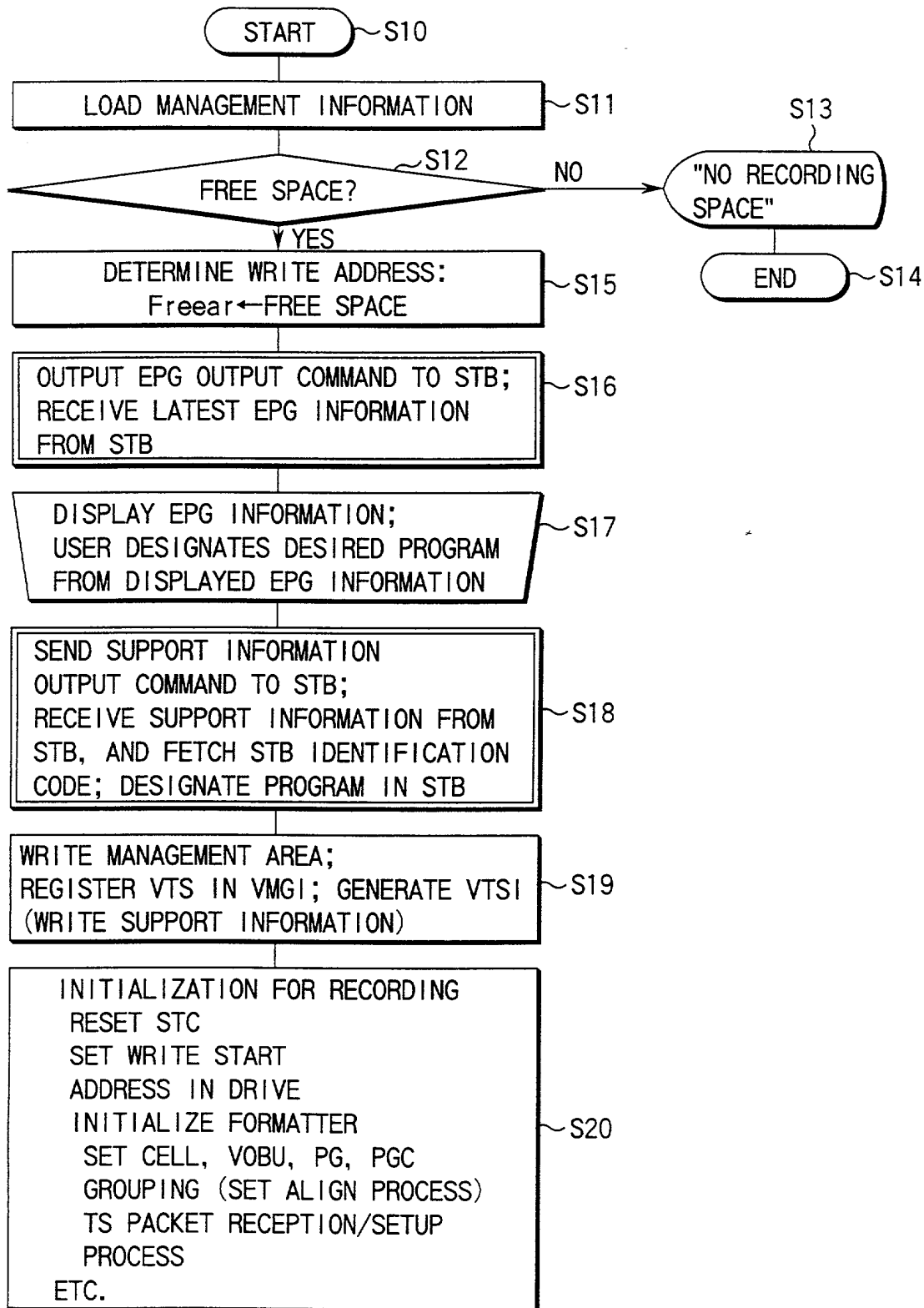


FIG. 15

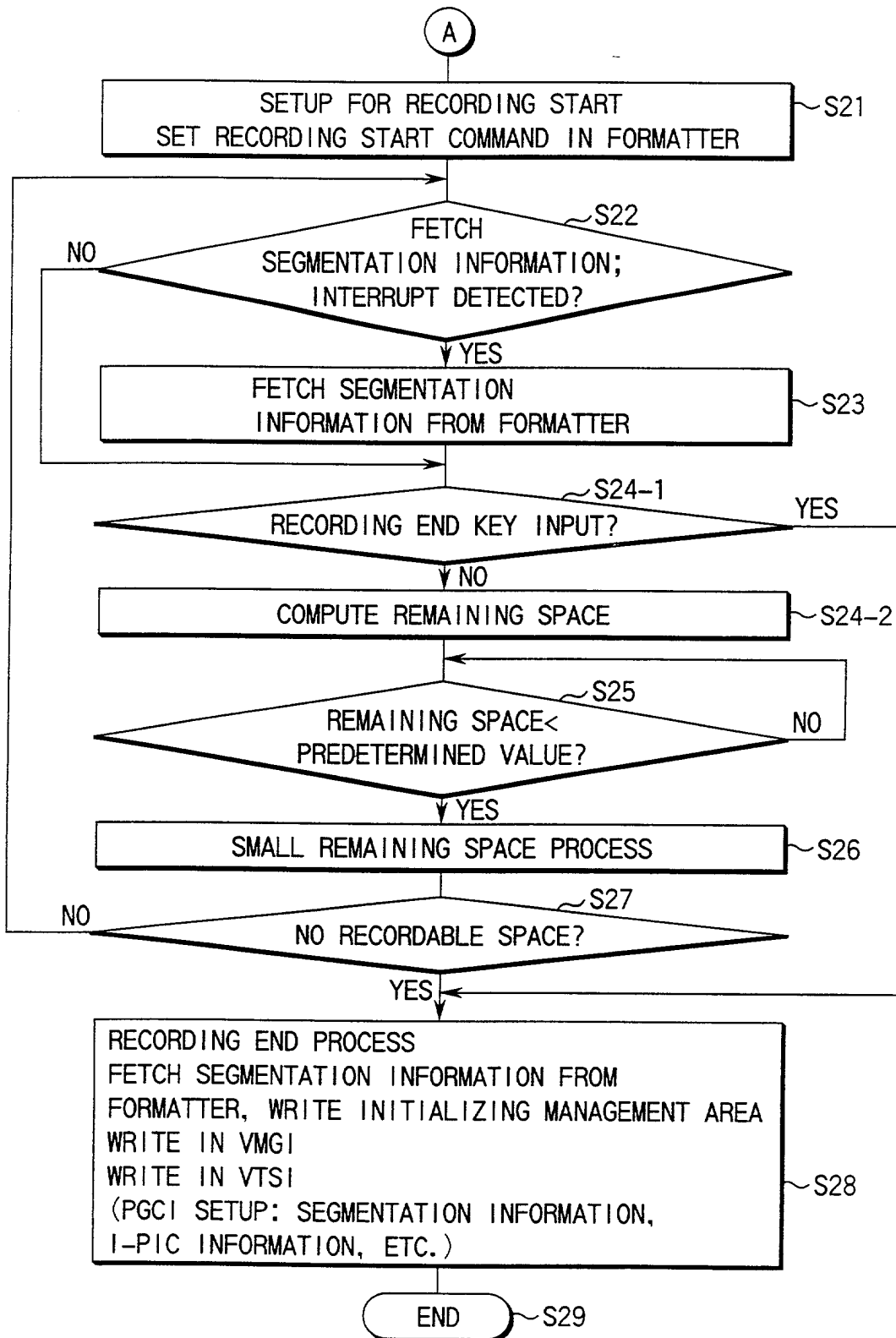


FIG. 16

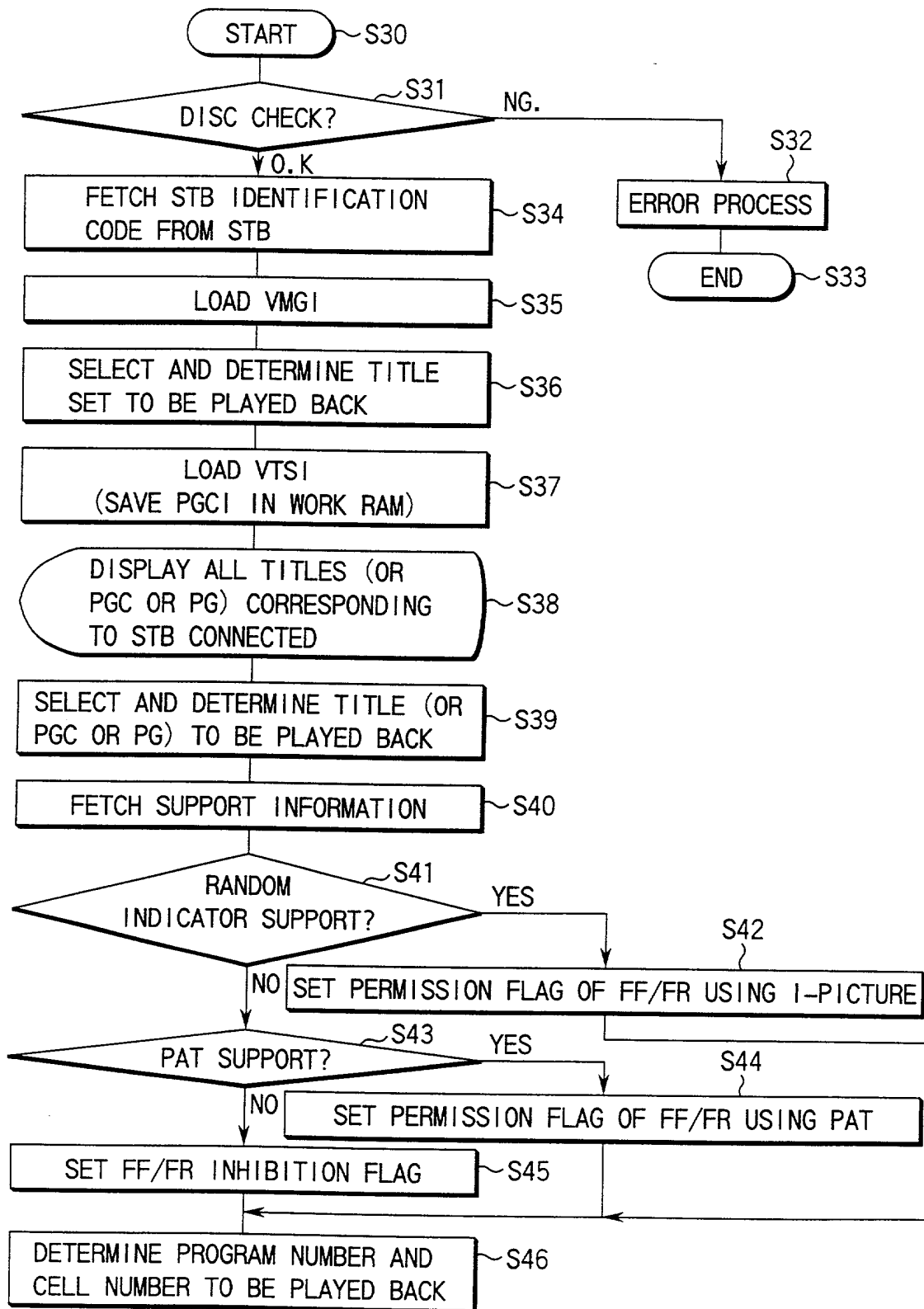


FIG. 17

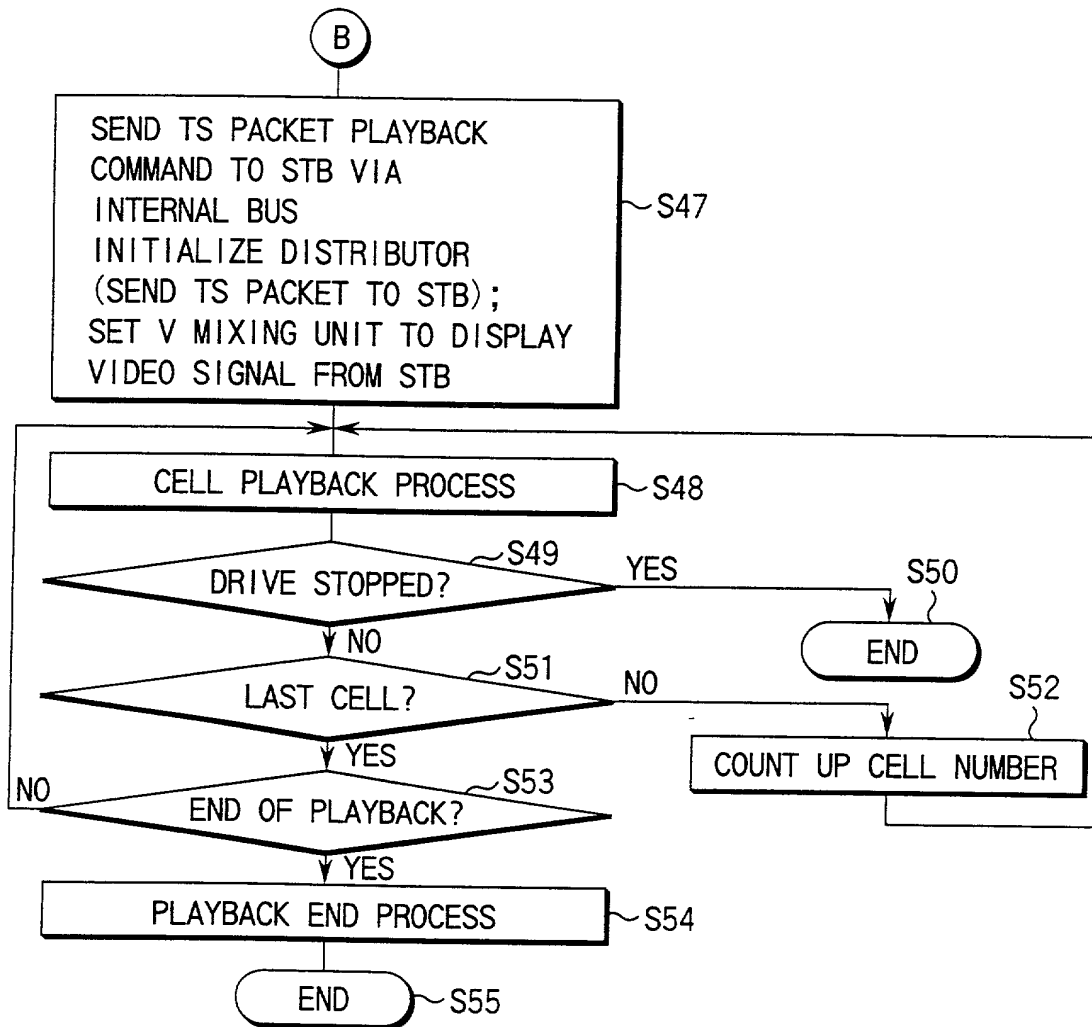


FIG. 18

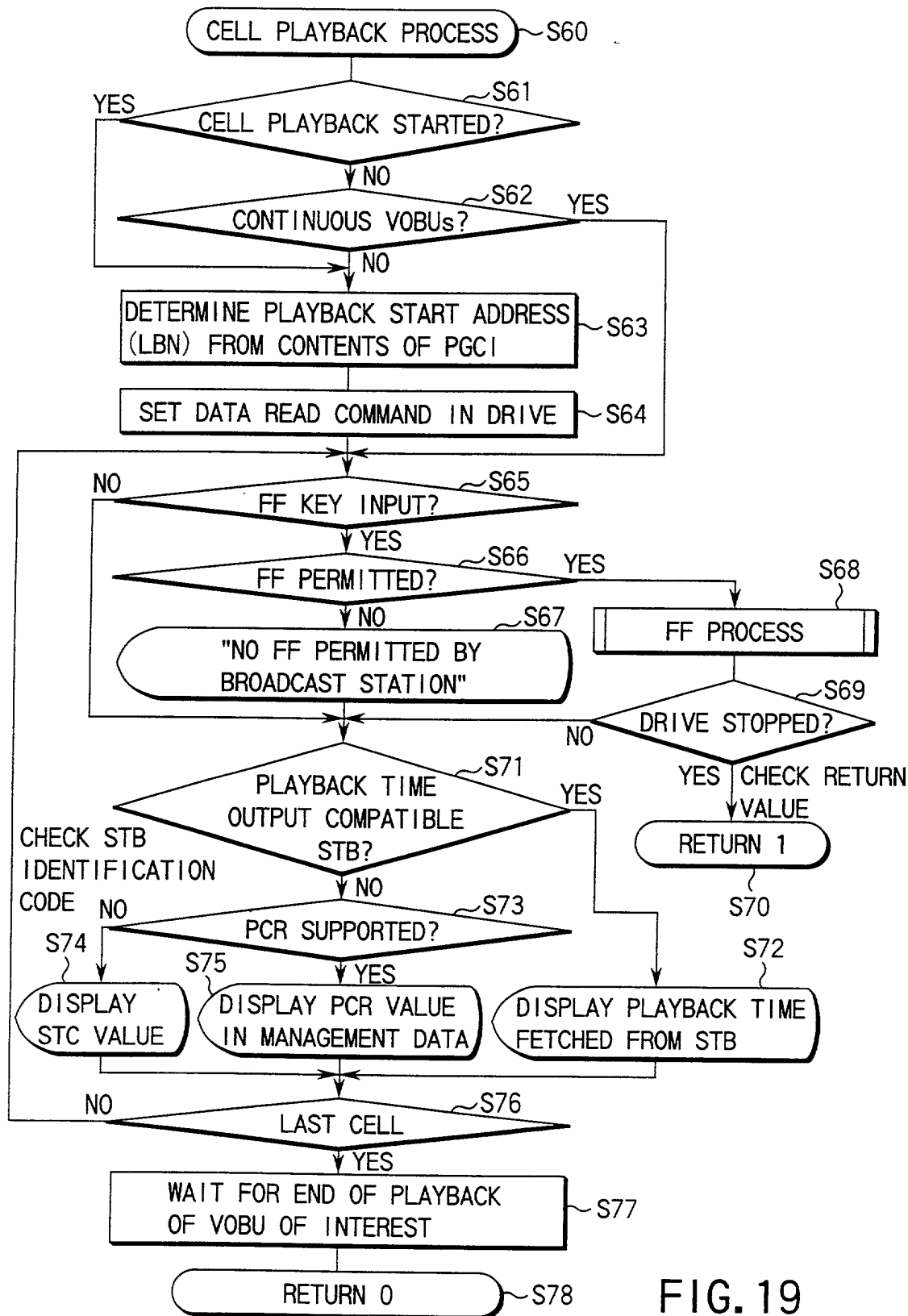


FIG.19



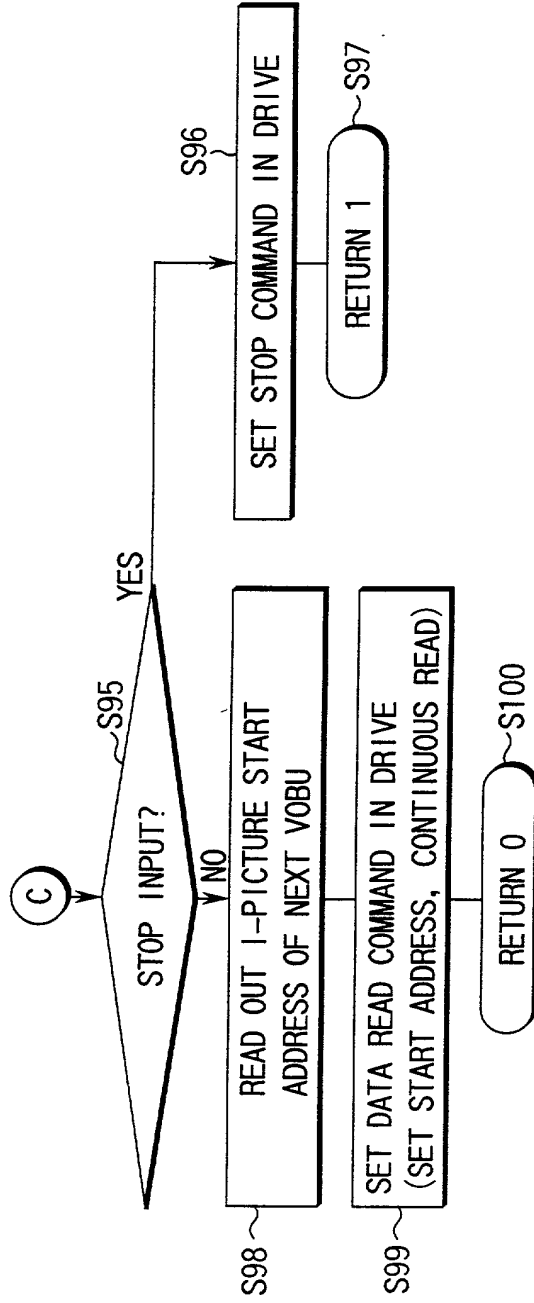


FIG. 21

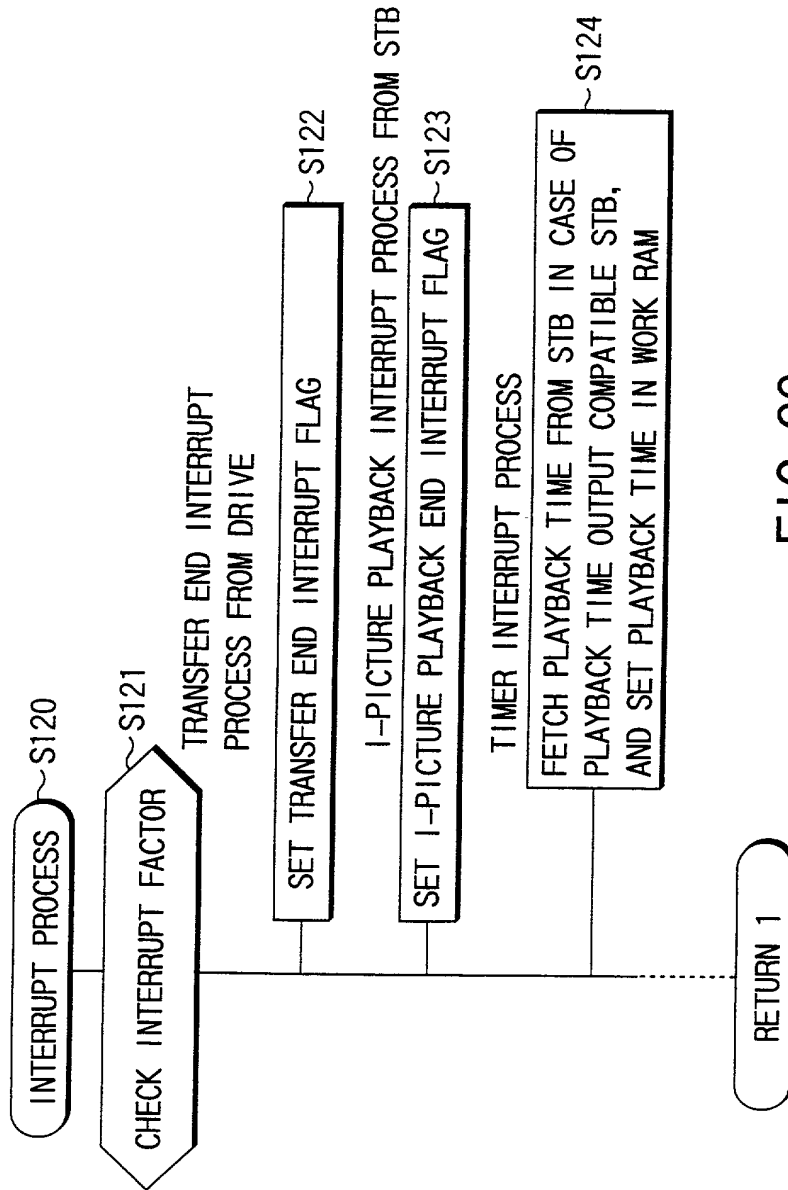


FIG. 22

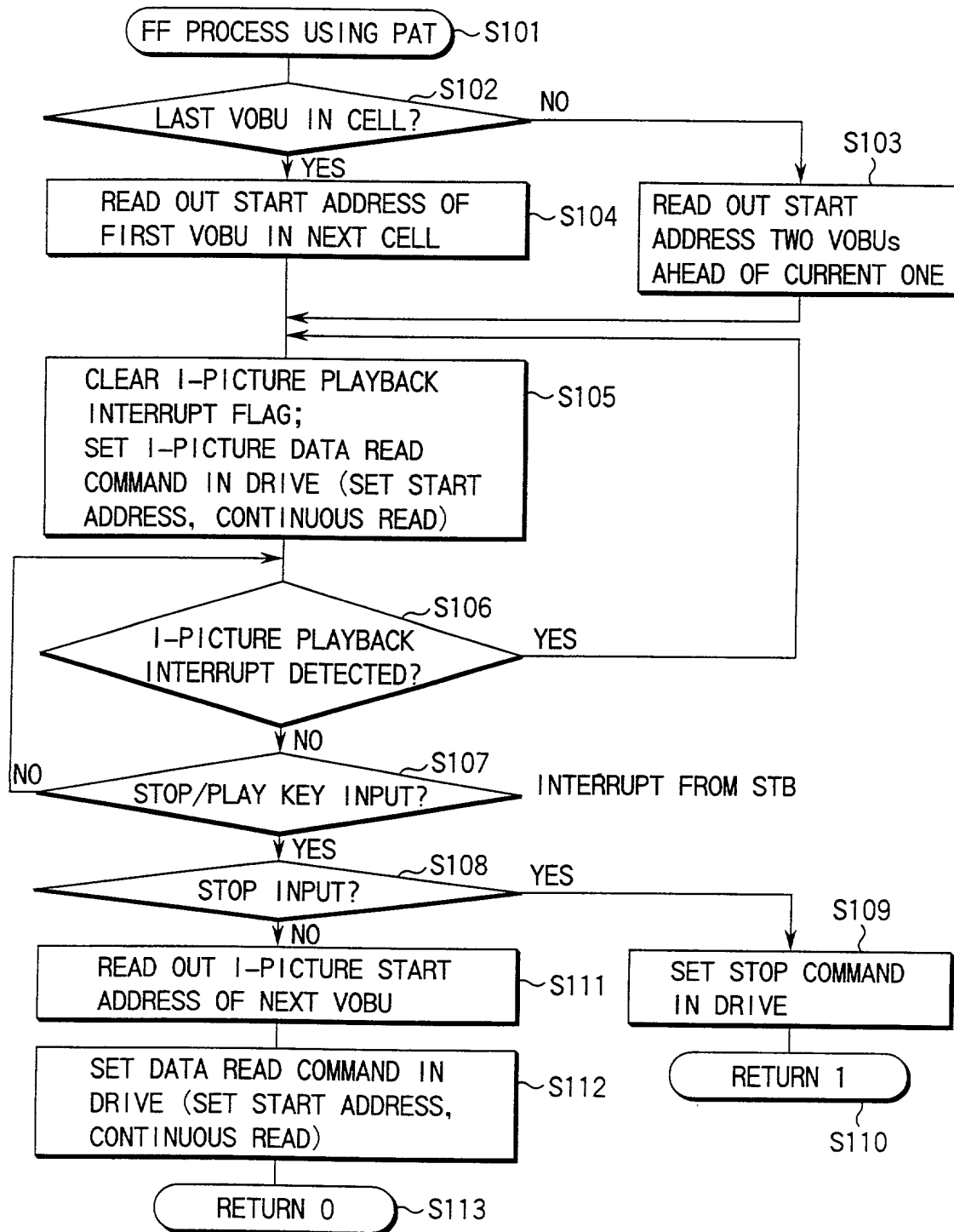


FIG. 23

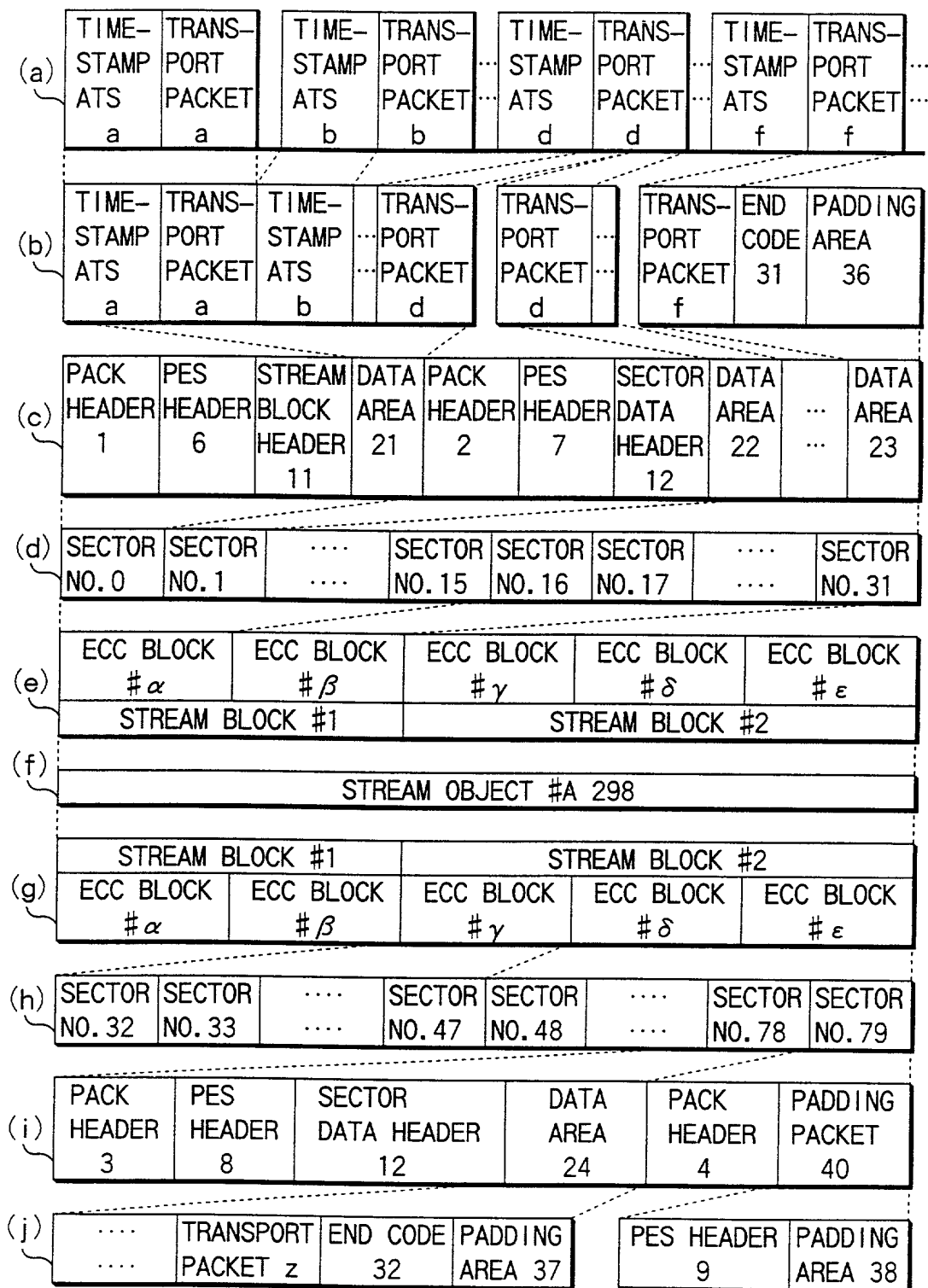


FIG. 24

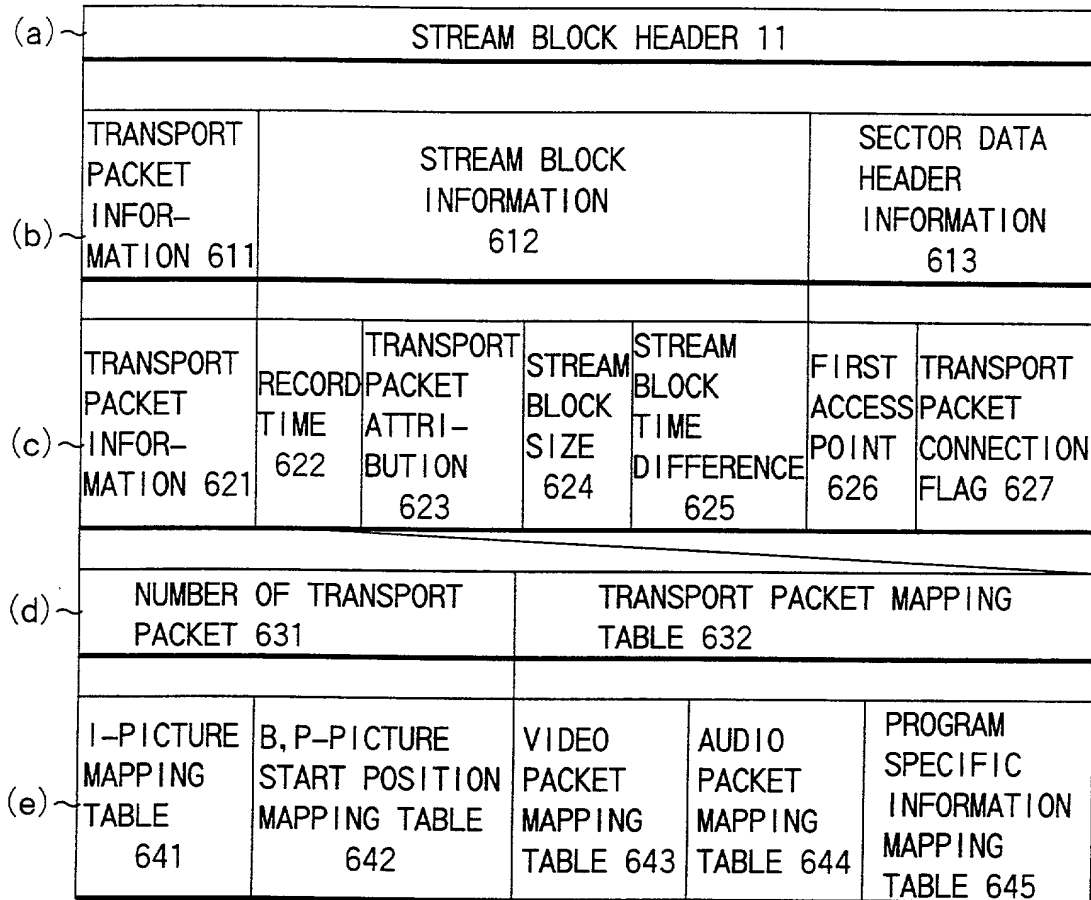


FIG. 25

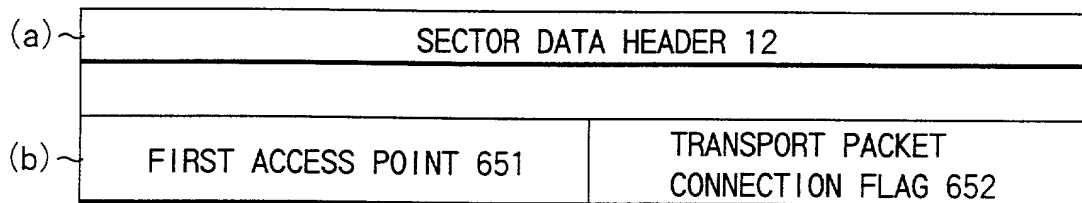


FIG. 26

CONSTRAINTS ON MPEG SPECIFICATIONS FOR SOB

SYSTEM HEADER	SHALL NOT BE INCLUDED
SCR VALUE IN THE FIRST PACK OF A SOB	ANY VALUE
MPEG PROGRAM_END_CODE	SHALL NOT BE INCLUDED
STREAM_ID	SHALL BE EQUAL TO BfH (PRIVATE_STREAM_2) IN ALL PES PACKETS

FIG. 27

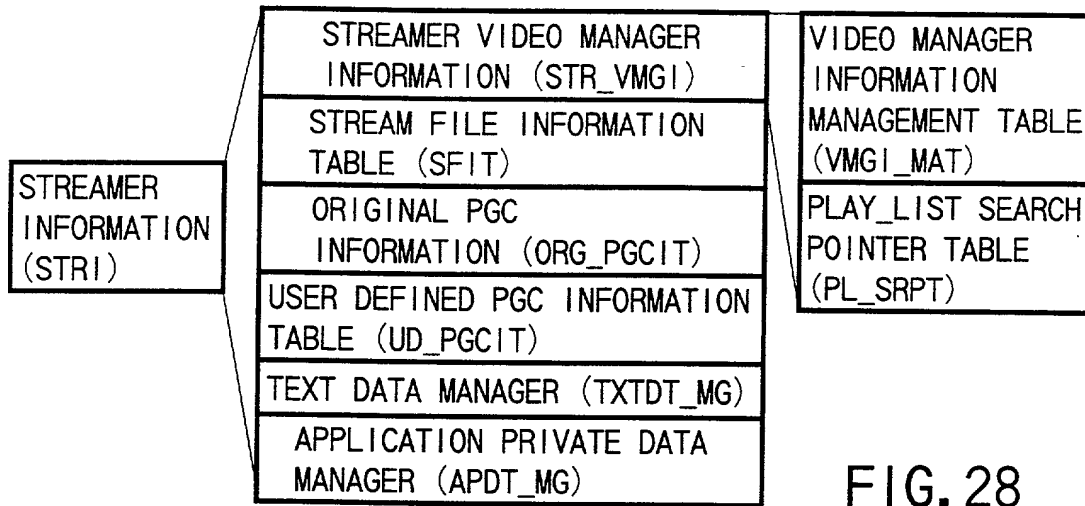


FIG. 28

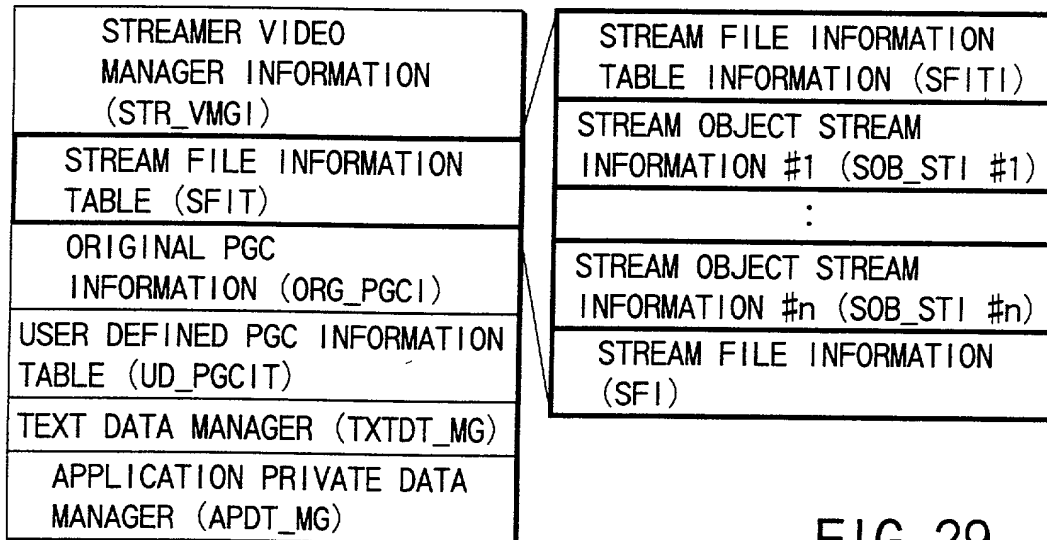


FIG. 29

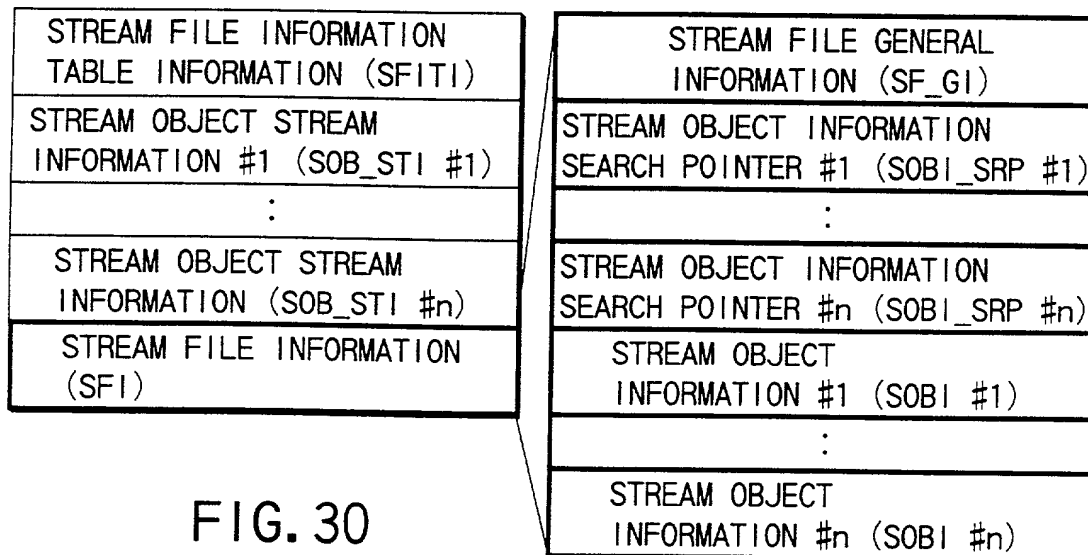


FIG. 30

STREAM FILE GENERAL INFORMATION (SF_GI)

	CONTENTS	NUMBER OF BYTES
(1) SOBI_Ns	NUMBER OF SOBIs	2
(2) SOBU_SIZ	NUMBER OF SECTORS PER SOBU	2
(3) MTU_SHFT	MAPPING TIME UNIT SHIFT	1
(4) RESERVED	RESERVED	1
	TOTAL	6

FIG. 31

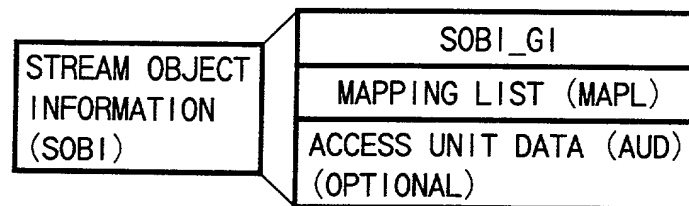
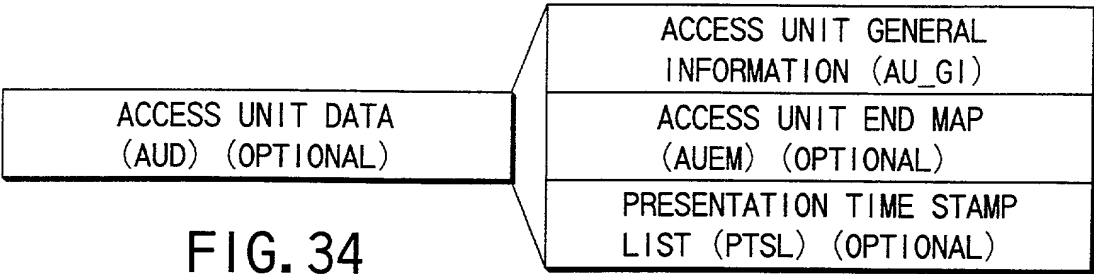


FIG. 32

STREAM OBJECT INFORMATION GENERAL INFORMATION (SOBI_GI)

	CONTENTS	NUMBER OF BYTES
(1) SOB_TY	SOB TYPE	1
(2) SOB_REC_TM	SOB RECORDING TIME	5
(3) SOB_STI_N	SOB STREAM INFORMATION NUMBER	1
(4) AUD_FLAGS	ACCESS UNIT DATA FLAGS	1
(5) SOB_S_APAT	SOB START APAT	6
(6) SOB_E_APAT	SOB END APAT	6
(7) SOB_S_SOB	FIRST SOBU OF THIS SOB	4
(8) MAPL_ENT_Ns	NUMBER OF MAPPING LIST ENTRIES	4
	TOTAL	28

FIG. 33



ACCESS UNIT GENERAL INFORMATION (AU_GI)

	CONTENTS	NUMBER OF BYTES
(1) AU_Ns	NUMBER OF ACCESS UNITS	4
(2) AUSM	ACCESS UNIT START MAP (MAPL_ENT_Ns ELEMENTS)	(MAPL_ENT_Ns+7) div 8
	TOTAL	(MAPL_ENT_Ns+7) div 8 + 4

FIG. 35

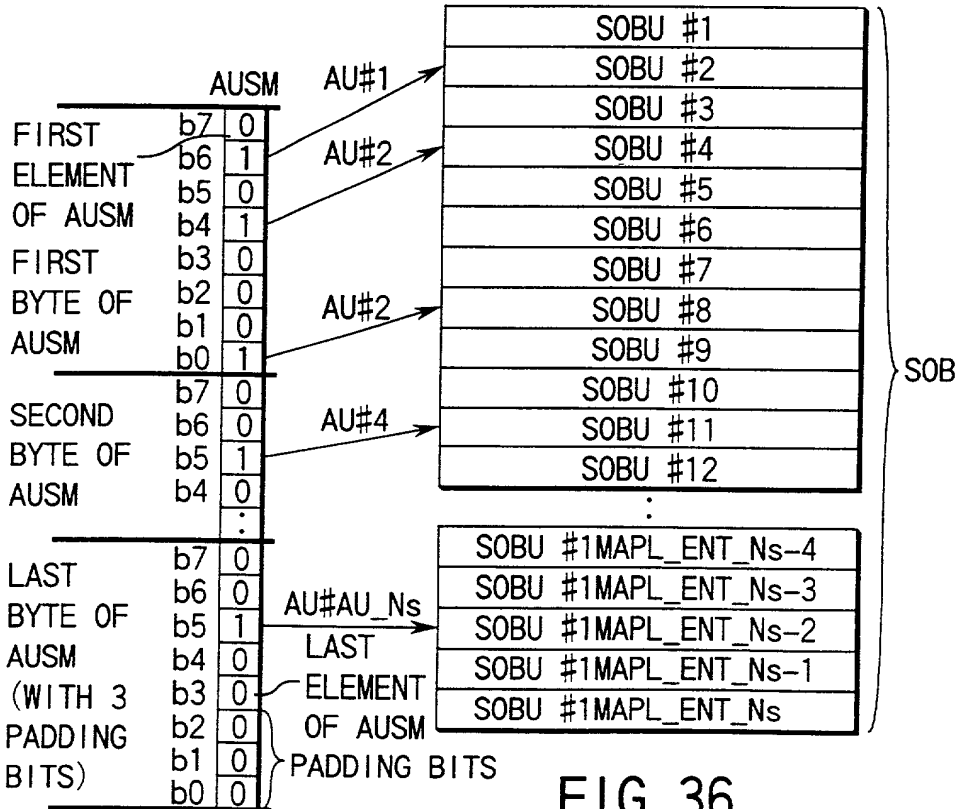


FIG. 36

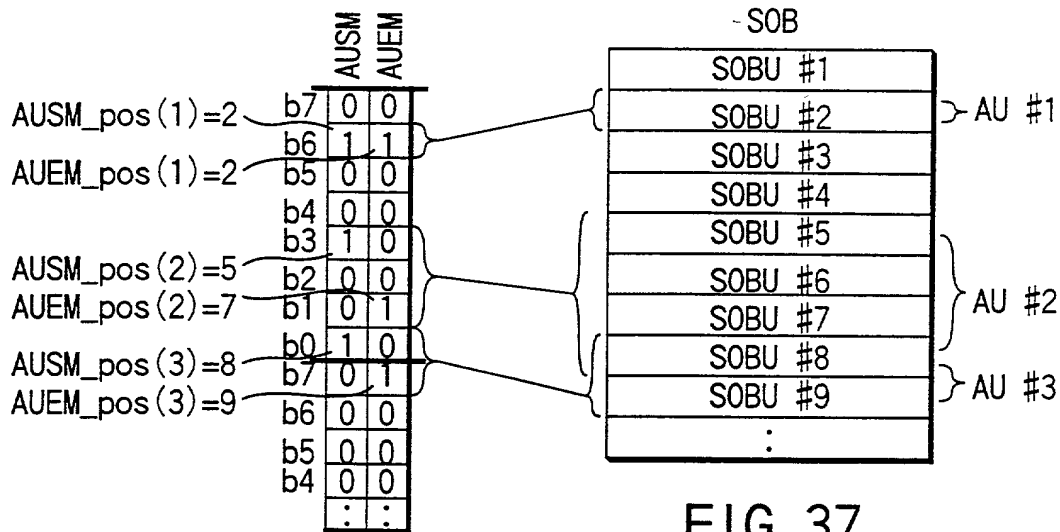
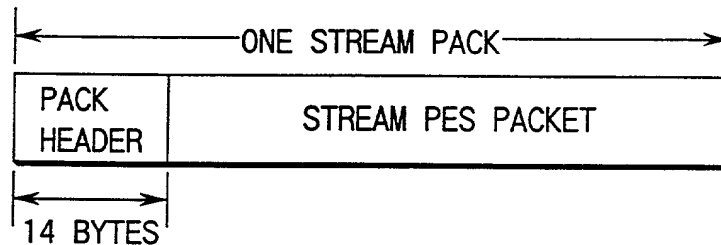


FIG. 37

FIG. 38



STRUCTURE OF THE STREAM DATA AREA WITHIN A STREAM PES PACKET
ONE STREAM PACK (2048B)

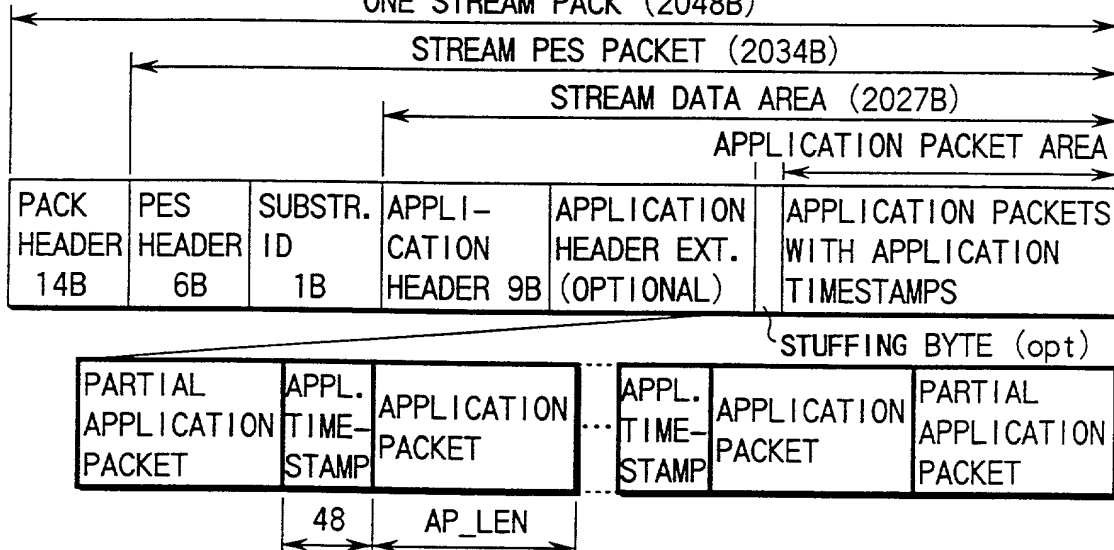


FIG. 39

APPLICATION HEADER

FIELD	NUMBER OF BITS	NUMBER OF BYTES	VALUE	COMMENT
(1) VERSION	8	1	01h	
(2) AP_Ns	8	1		
(3) FIRST_AP_OFFSET	16	2		
(4) EXTENSION_HEADER_INFO	2	1	00b, 10b, 11b	
(5) RESERVED FOR CCI_ESC	1		0b OR 1b	
(6) RESERVED	5		11111b	
(7) SERVICE_ID	16	2		
(8) MAX_BR_LOG2	8	1		
(9) SMO_BS_LOG2	8	1		
	TOTAL	9		

FIG. 40